

Date: Sat, 29 May 93 04:30:11 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #657
To: Info-Hams

Info-Hams Digest Sat, 29 May 93 Volume 93 : Issue 657

Today's Topics:

 2-meters and airlines
 Antennas on Ice
 Call Sign Server, Where? (2 msgs)
 Collins tool
 GMRS; type acceptance question
 HELP help . Vacuum tube 5763.
 Intermod/spurious sigs a common HT problem?
 VK2SG RTTY DX Notes, 28 May

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 29 May 93 03:08:29 GMT
From: news-mail-gateway@ucsd.edu
Subject: 2-meters and airlines
To: info-hams@ucsd.edu

I have an Icom IC-2SA that has been through the x-ray "machines" more
than a dozen times and nothing has happened to it. I always carry it
in my briefcase, and only once have I been asked about it. Maybe the
IC-2SA is just more immune to x-rays than the others...

73,
Dube AB5AP <dube@cpdvax.csc.ti.com>

Date: Thu, 27 May 1993 13:51:25 GMT

From: usc!howland.reston.ans.net!darwin.sura.net!knuth.mtsu.edu!raider!theporch!
jackatak!jackhill@network.UCSD.EDU
Subject: Antennas on Ice
To: info-hams@ucsd.edu

M.Willis@ee.surrey.ac.uk (Mike Willis) writes:

> This thread reminds me of an interesting consequence of frozen water having a
> lower loss factor to microwaves than unfrozen water.
>
> Pressure builds up, and eventually, in a sprout with
> good structural integrity, no cracks or holes, it will explode.
>
> If you try this be careful, as I don't wish to read any 'Radio Ham killed by
> exploding sprout' type headlines.

My bride, N4AFG, tells me that ice ain't required for a good (or bad! ;^) response from a microwave. She claims some very VERY exciting things happen if you forget to puncture a potato(e) while "micro-baking"!

Seems as though perhaps Brussel Sprouts and Baked Potato(e)s would make good substitutes for the PCBs in tranformer oil for use in dummy loads... ;^) ;^)

73 ES I KNOW WHAT'S FER DINNER NOW! ;^)

Jack

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+-----+
| Jack GF Hill          |Voice: (615) 459-2636 - Bicycling and SCUBA Diving |
| P. O. Box 1685        |Modem: (615) 377-5980 - Compu$erve 76427,31 |
| Brentwood, TN 37024|jackhill@jackatak.raider.net - Ham Call: W4PPT |
+-----+
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Date: Thu, 27 May 93 22:19:25 -0400
From: usc!howland.reston.ans.net!europa.eng.gtefsd.com!eddie.mit.edu!
news.intercon.com!psinnntp!wlnntp.psi.com!usenet@network.UCSD.EDU
Subject: Call Sign Server, Where?
To: info-hams@ucsd.edu

I have been getting reports that the callbook@sat.datapoint.com has not been working. Anybody on the net able to confirm that? It seems that some of the AOL users have not gotten replies in several months.

>Mike Brand (mike@cronos.mcs.com) wrote:
>: Hello,
>: I know there is at least one Call Sign Server on the Internet

>: unfortunately I have lost the address. Does anyone have any
>: addresses for a Call Sign Server? You can either post here or
>: send in a e-mail message to "mike@cronos.mcs.com". THANKS
>
>Mike,
>
>I know of two accessible by mail: callbook@sat.datapoint.com and
>callbook@n8emr.cmhnet.org. Unfortunately both use fairly old (outdated)
>callsign record databases.
>
>FWIW,
> - To access the on-line callbook server run by N7IQH by e-mail:
> mailx callbook@sat.datapoint.com
> subject is empty
> lookup <callsign> [<callsign> . . .]
> or help
>
> - To access the on-line callbook server run by N8EMR by e-mail:
> mailx callbook@n8emr.cmhnet.org
> subject is empty
> REPLY dubner@spk.hp.com (optional, depending on mailer)
> CALL <callsign> [<callsign>] . . .]
>
>There's also an on-line callsign server accessible by telnet:
> telnet callsign.cs.buffalo.edu 2000 or electra.cs.buffalo.edu 2000
> help
>
>73,
>Joe, K7JD
>

Date: Sat, 29 May 1993 02:26:49 GMT
From: usc!wupost!crcnis1.unl.edu!news.unomaha.edu!cwis!pschleck@network.UCSD.EDU
Subject: Call Sign Server, Where?
To: info-hams@ucsd.edu

"Terry Stader KA8SCP" <p00489@psilink.com> writes:

>I have been getting reports that the callbook@sat.datapoint.com has not
>been working. Anybody on the net able to confirm that? It seems that
>some of the AOL users have not gotten replies in several months.

I just did a test query to the address, and got a reply in seconds (yes,
I'm directly on the Internet :-). What may be happening is that the
server cannot resolve your return address. In that case, you may have
to add a line at the end of the form:

path tstader@aol.com

and then see if it responds. You may also have to put "quit" after the commands and before your signature file (if any) to avoid confusing the server.

73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu

Date: Fri, 28 May 1993 23:35:22 GMT
From: pacbell.com!att-out!cbnewsd!cbnewsc!cbfsb!cbnewsf.cb.att.com!
5rttrtrt@network.UCSD.EDU
Subject: Collins tool
To: info-hams@ucsd.edu

Anyone know where I can get the little tool that is used on a Collins 75S3 to loosed the set screws on the dial shafts? It is mentioned in the owners manual as something that came with the rig but it wasn't included in my hamfest special. The set screw looks like an allen screw but the head of it is different. It is needed to loosen the VFO shaft so I can set the dial pointer to the correct upright position after calibrating the vfo, according to the manual.

Thanks, 73 de Rick KT2Q

Date: Sat, 29 May 1993 06:38:16 GMT
From: usc!howland.reston.ans.net!darwin.sura.net!udel!news.intercon.com!psinntp!iat.holonet.net!bwilkins@network.UCSD.EDU
Subject: GMRS; type acceptance question
To: info-hams@ucsd.edu

erik@peewee.nwc.navy.mil (Erik van Bronkhorst Code C02313
Phone 939-1421) writes:
: I understand WHY FCC requires type acceptance. I guess I just
: want to know
: 1. if any extended coverage 440 units are type accepted for GMRS
: operation (or why not)

Your tranceiver is probably type accepted under part 15. This covers the emmissions from the receiver. I am unaware of any part 97 type acceptance.

: 2. what I must do to gain type acceptance for a unit in
: my possession that I believe will meet emissions regs.
: (or why I can't get there from here...)
:

Only the manufacturer can apply for type acceptance. Most of the Japanese manufactures of amateur gear also sell similar type accepted radios for commercial service. Of course they sell for a bit more money. Most seem to have better front ends as they dont seem to be prone to the usual intermod and noise associated with amateur broad band receivers.

: Thanks
: --
: Erik van Bronkhorst KC6UUT DoD#4342585443 AMA#[classified]
: "Truth is false and logic lost, now the fourth dimension is crossed..."

--

Bob Wilkins n6fri voice 440.250+ 100pl san francisco bay area
bwilkins@holonet.net packet n6fri @ n6eeg.#nocal.ca.usa.na

Date: Fri, 28 May 1993 04:03:04 GMT
From: usc!howland.reston.ans.net!darwin.sura.net!knuth.mtsu.edu!raider!theporch!
jackatak!jackhill@network.UCSD.EDU
Subject: HELP help . Vacuum tube 5763.
To: info-hams@ucsd.edu

rolfo@strobe.ATC.Olivetti.Com (Roberto Rolfo) writes:
> I need informations about 5763 vacuum tube used in driver stage of surplus TX
-----8><-----

The 5763 VHF Beam Power Tube
-- This data all came from the RCA Receiving Tube Manual,
copyright 1973, Gee, I sure hope they haven't changed everything
since then.... ;^)

This miniature type VHF beam power amplifier was designed for use in low
power stages. The minature 9-pin socket is wired in "9K" configuration (see
outline section "6E")

Heater voltage: 6.0v +/- 10%
Heater current: 0.75a
Heater-Cathode voltage: +/- 100v max
Transconductance for plate current of 45 ma: 7000 umhos
Mu-factor Grid 2 to Grid 1 : 16
Direct electrode capacitances:

-- Grid 1 to Plate: 0.3 pf
-- Input: 9.5pf
-- Output:4.5 pf

-----8><-----

> I need in particular of basic data same (Va, Vg2, Vg1, Vf , S , ecc.).
Now, you ask for Vg, etc, but those values are very much dependent
upon your application! Class A versus Class C AM modulated versus
Telephony...If you tell me more of what you want this tube to do, and
how it behaves, I'd be happy to fill in a few of the blanks...

> Thanks in advance.
No problem. Hope I can help..

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+-----+
| Jack GF Hill      |Voice: (615) 459-2636 - Bicycling and SCUBA Diving |
| P. O. Box 1685    |Modem: (615) 377-5980 - Compu$erve 76427,31 |
| Brentwood, TN 37024|jackhill@jackatak.raider.net - Ham Call: W4PPT |
+-----+
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Date: Sat, 29 May 1993 01:21:08 GMT
From: news.cerf.net!iat.holonet.net!bwilkins@network.UCSD.EDU
Subject: Intermod/spurious sigs a common HT problem?
To: info-hams@ucsd.edu

One feature often overlooked is ctcss or pl decode. Many repeaters
transmit the same pl tone used to access the repeater. You can use the
decode mode to monitor the repeater. You will not hear the intermod. Quite
often this feature is standard on new handhelds or is a plug-in board at
added cost, but is worth the investment.

bob n6fri

--

Bob Wilkins n6fri voice 440.250+ 100pl san francisco bay area
bwilkins@holonet.net packet n6fri @ n6eeg.#nocal.ca.usa.na

Date: Sat, 29 May 93 10:20:20 GMT
From: usc!howland.reston.ans.net!zaphod.mps.ohio-state.edu!mstar!n8emr!
bulletin@network.UCSD.EDU
Subject: VK2SG RTTY DX Notes, 28 May

To: info-hams@ucsd.edu

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=====
| Automatic relayed from packet radio via |
| N8EMR's Ham BBS, 614-895-2553 |
=====
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SB DX @ ALLBBS \$RTDX0528

VK2SG RTTY DX Notes, 28 May

VK2SG RTTY DX Notes for week ending 28 May 1993 (BID RTDX0528)

So many times we hear (AMATEUR) Radio Operator and a nice (HOBBY) to be in. Well, let me tell ya, we are more than Amateurs. We are HAMS!! and as Hams it is more than a hobby. Our main objective is to promote Good Will with other countries. So remember the next time asked, forget the words, AMATEUR and HOBBY. Tell them you are a HAM and PROUD of it.

Our information this week came from 9X5LJ, CE3GDN, DJ3IW and The Central Europe DX-Cluster, KE5GA, N5PSI, W2JGR and the NJ0M Node Twin-Cities DX Packet Cluster Network, W5KSI, ZS5S. Thank you all for your assistance.

Bandpass

Friday 21

0154-14091	OA4CN	
1507-21086	YI10MR	QSL via Box 27104, Baghdad, Iraq
1526-21084	OM3CPS	
1645-21086	VR2GC	QSL C/O Haris, GPO Box 54838, Hong Kong
1652-21081	A22EX	QSL via N4CID
1709-21082	FM5DN	
1745-14088	IS0UGR	
2229-14087	S58AA	
2243-14084	9A1CCY	
2257-14086	GM0TQK	
2309-14090	EA6PZ	
2312-14088	HC6IM	
2318-14085	UT5RP	

Saturday 22

0130-14085	PZ1BS
0236-14082	UV3PF
1248-21082	5R8DG
1319-21086	RT4UA
1413-21088	ZS9A
1933-21090	FS5UQ

1936-21085	XT2BW	
2004-14084	UG6GG	QSL via 4X6XK, POB 10598, 17000 Nazareth, Israel
2014-14084	CN8NP	
2018-21092	KG5HG	QSL via Humes KG4HG, PSC 1005 Box 47 FPO AE 09593-0146, USA
2036-14087	RT4UA	
2039-14085	FM5DN	
2040-14085	U050C	QSL via SP7LZD
2130-14089	S57AN	
2153-14082	S92ZM	
2154-14082	9A1CCY	
2209-14088	UA0QI	
2210-14-86	HK0DPA	QSL via Box 0890, San Andres IS., Colombia

Sunday 23

0435-14081	OM3LA	QSL via OK3LA
0444-14087	RT4UA	
1405-14083	HL5AWS	
1500-21088	UL7PBY	
1507-21090	5X1C	QSL via Box 9276, Kampala
1604-14085	VP5JM	
1725-21090	ET3SID	
1910-21087	5T5KH	QSL via WB8LFO
2028-21087	XT2BW	
2200-14089	4X6UO	
2220-14087	UT5RP	
2142-14086	OK1AJN	
2121-14089	UA6AQJ	
2025-21087	XT2BW	
2247-14087	UT5RP	

Monday 24

0415-14087	4X6UO
0431-14086	HC6IM
0459-14084	OK1FAK
0500-14081	OM3LA
1142-21084	UL7PBY
1338-21080	HL5AWS
1626-21085	6Z4FM

Tuesday 25

0545-14084	OK1FAK
1737-21090	V51GB
1800-14084	EI9AD
2142-14085	HP1XBH

Wednesday 26

1636-21085 5R8DG
2015-14082 ET3YU
2019-14088 9H3XX

Thursday 27
0310-14086 HC6IM
0320-14088 RT4UA

Notes of Interest.

Eritrea. Norwegian Expedition to Asmara will take place 31 May to 9 June. Setting up a Club station and on the air operation. This one is expected to reappear on the DXCC Countries list shortly. No call mentioned at this time.

Libya, 5A. Romeo announced that the licensing had been taken care of. The antennas are ready, awaiting few more pieces of equipment before commencing operation, which could take place as early as the end of this week. No callsign mentioned. RTTY?

Tunisia, 3V. Romeo also said that this DXpedition will be postponed until August, to allow for better propagation. This will become a Multi-National undertaking, with a total of 16 operators for 10 days, ALL Bands, Modes, including RTTY.

Somalia, T5. KF6BL/T5, reported last week as rejected by the ARRL DXCC desk, due to lack of Documentation, is now good.

For next weeks bulletin, please direct your Notes and Bandpass to Jules, W2JGR @ CE3GDN.#STGO.CHL.SA

Remember, DX Don't Sleep.

GL de Bob, WB2CJL @ CE3GDN.#STGO.CHL.SA

Edited for Pactor and Packet by N6EQZ APLink Seattle

/EX

SP KT7H @ N7DUO.WA.USA

Date: Sat, 29 May 1993 04:42:20 GMT
From: swrinde!gatech!kd4nc!n4tii@network.UCSD.EDU
To: info-hams@ucsd.edu

References <12844@us1.edu>, <1787700025@trsvax>, <1u5ut5\$m4p@access.digex.net>

Subject : Re: Radio shack 2mtr ht, DTMF tone prob

bote@access.digex.net (John Boteler) writes:

>In article <1787700025@trsvax> rpo@trsvax.tandy.com writes:
>>Tell him to turn on the Touch-Tone Auto-Reply feature. This will

>I certainly am pleased to see that the HTX-202 gives the
>option to disable that darned Touch Tone hang-time.

>About the name of that function: does the Auto-Reply feature
>send a Touch Tone "C" at the end of each transmission
>when it is turned on? I recently heard a radio on
>our repeater which did this, and the name of this feature
>seems to describe it.

>Please advise.

I think the feature (problem) you are describing is from an Alinco DJ-f1t
type radio...

There's a guy here that has one of them (he keeps it turned off), but he'll
turn it on for kicks....he calls it his "CB-style Roger Beep!"

I think it's a rather dumb idea....on FM, it's kinda obvious when you unkey!

Have a good 'un.

John
n4tii%kd4nc.uucp@gatech.edu

>--

>bote@access.digex.net (John Boteler)
>WARNING: You are subject to pre-emption!

Date: Sat, 29 May 1993 04:36:47 GMT
From: swrinde!gatech!kd4nc!n4tii@network.UCSD.EDU
To: info-hams@ucsd.edu

References <1tqk57\$26d@fugu.mc.com>, <1993May25.192837.4109@kd4nc.uucp>,
<C7qF6n.2KH@sugar.NeoSoft.COM>
Subject : Re: Radio Shack 70cm HT?

jreese@NeoSoft.com (Jim Reese) writes:

>In article <1993May25.192837.4109@kd4nc.uucp> n4tii@kd4nc.uucp (John Reed)

writes:

>>2 meters is hell in some places because some jerks choose to make it a hell.
>>There are scum everywhere that possess a flagrant disregard for the law. We
>>need to stop the problem...not a symptom of the problem...
>>Radio Shack selling 2 meter rigs = choas on 2 meters. NOT!

>Amen. I would even go a bit further and say that it's hell not only because
>of the scum that possess a flagrant disregard for the law, but because WE
>ALLOWED IT TO HAPPEN. (we being the normal, law abiding, hams...)

Well...this probably the last thing I'll write on this thread...(we've all just
about beat into the ground.... (hehehehe, I like beating dead horses!)

But, the point basically, to add to your last text, is plain and simple, bu
by not doing anything about (besides bitching of course) we're condoning it.

Radio Shack's not guilty....the bootlegger is...plain and simple.

Well...enough of this....I hope you all have a great Memorial Day!

John Reed
n4tii%kd4nc.uucp@gatech.edu

>--

> Jim Reese, WD5IYT | "We need freedom of speech in this country so we can
>jreese@sugar.neosoft.com | identify all the jerks out there" --Ted Nugent

End of Info-Hams Digest V93 #657
